į	U.S. Pa	ent and Trademark Office	se through 07/31/2006, OMB ( I: U.S. DEPARTMENT OF CO	DMMERCE					
Under the Pagerwork Reduction Act of 1995.	Application Number	ration of information Unless 10/053,344	it displaya a valid OMS conte	of onupper					
TRANSMITTAL	Filing Date	01/17/2002	<b>D</b>						
FORM	First Named Inventor	Rajendra K. Shanoy	CENTRAL	EIVED					
(to be used for all correspondence after initial fi	Art Unit	2850	OCT INAL	FAX CEL TE					
100000000000000000000000000000000000000	Examiner Name	Shrivastav, Brij B.	AUG 0	5 2001					
	Attorney Docket Number	FONPT03CIP	1000	200					
Total Number of Pages in This Submission		TOTAL TOO	<i>6</i> **	THE LA					
ENCLOSURES (Cneck all that apply)									
Fee Transmittel Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application	Drawing(e)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application  Power of Attorney, Revocation Change of Correspondence A  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Remarks	App of A App (Asi Projection State Oth	echnology Center (TC) real Communication to Bou ppeals and Interferences real Communication to TC real Notice, Brist, Repty Brist prietary Information tus Letter er Enclosure(s) (please nitify below):						
Response to Missing Parts under 37 CFR 1.52 or 1.53	TURE OF APPLICANT, ATTO	RNEY, OR AGENT							
Thomas M. Champagne									
ndividual name									
Signature	li (In								
Oate 08/05/2004									
	ERTIFICATE OF TRANSMISS	ONWALLING							
hereby certify that this correspondence is be sufficient postage as first class mail in an en- the date shown below.	eing facsimile transmitted to the USPTo relope addressed to: Commissioner for	or deposited with the	United States Postal Serv 0, Alexandria, VA 22313-	doe with 1450 on					
Heather L. Pagell	a								
Signature	the A fagellan		Date 08/05/2004						

703 248 9244;

This collection of information is required by 37 CFR 1.9. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Comfidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Sent By: IP Strategies, P.C.;

PTO/S8/17 (10-03) Approved for use through 07/31/2008. OMB 0651-0032 U.S. Patent and Tradamark Office; U.S. DEPARTMENT OF COMMERCE

Aug-5-04 11:25AM;

Under the Paperwork Raduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.								
FEE TRANSMITTA					T-1-1-1-1	In 1057 7194		
			Doto	umber				
for FY 2004		Filing				racy		
Effective 10/01/2003. Patent fees are subject to annual revisio	n.	First Named Inventor			······································	RAJELORA K. SHELOY		
Applicant claims small entity status. See 37 CFR 1.27			iner Na	me	SHRIVASIAV, BRIJ	15,		
		Art Ur			2.854			
TOTAL AMOUNT OF PAYMENT (\$) 702 Attorney Docket No. FONDTOSCIP								
METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)								
Check Credit card Money Other None 3. ADDITIONAL FEES Large Entity Small Entity								
Deposit Account:	Fee	Fee		Fee	Fee Description			
Deposit Account 501998	Coc		ŧ .	(\$) 85 C	·	Fee Pald		
Number	105 106		2051		lurcharge - late filling fee or oath lurcharge - late provisional filing fee or			
Account Name	•		1053	CC	over sheet Ion-English specification			
The Director is authorized to: (check all that apply)	105 181	3 130   2 2,520			or filing a request for ex parte reexamin	nation		
Charge fee(s) indicated below Credit any overpayments	180		1804	920° R	tequesting publication of SIR prior to			
Charge any additional fec(s) or any underpayment of fee(s)  Charge fee(s) indicated below, except for the filing fee	180	5 1.840°	1805	1,840° R	ixaminer action Requesting publication of SIR after			
to the above-identified deposit account.				E	Examiner action	55		
FEE CALCULATION	125		2251 2252		Extension for reply within first month Extension for reply within second month			
1. BASIC FILING FEE	125		2253		Extension for reply within third month			
Large Entity Small Entity Fee Fee Fee Fee Fee Personation Fee Paid	125		2254		Extension for raply within fourth month			
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	125	5 2,010	2255	1.005 E	Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	140	1 330	2401		Notice of Appeal			
1003 530 2003 265 Plant filing fee	140		2402		Filing a brief in support of an appeal	<del></del>  ]		
1004 770 2004 385 Reissue filing fec	140	3 <b>290</b> 1 1,510	2403 1451		Request for onal hearing Petition to Institute a public use proceed	ting		
1005 160 2005 80 Provisional filing fee	145	•	2452		Petition to institute a public use process Petition to revive - unavoldable			
SUBTOTAL (1) (\$) —	145	3 1,330	2453		Pelition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSU	et i	1,330	2501		Utility issue fee (or relasue)			
Extra Claims below Fee Pa	71		2502		Design issue fee			
Independent 2 200 x 43 215	150		2503 1460		Plant issue fee Petitions to the Commissioner			
Claims Multiple Dependent	146		1		Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity	180		1	180 8	Submission of Information Disclosure S	itmt		
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	802		1		Recording each patent essignment per			
1202 18 2202 9 Claims in excess of 20	180				property (times number of properties) Fiting a submission after final rejection			
1201 86 2201 43 Independent claims in excess of 3				1	(37 ČFR 1.129(a))	<u> </u>		
1203 290 2203 145 Multiple dependent claim, if not paid	18	10 770	2810		For each additional invention to be examined (37 CFR 1.129(b))			
1204 86 2204 43 Reissue independent claims over original patent	18	01 770	1		Request for Continued Exemination (F	RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	18	02 900	1802		Request for expedited examination of a design application			
(a) ( 4 les)		er fee (B			<del></del>			
SUBTOTAL (2) (5) CHT Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 55								
(Complete (if applicable))								
Name (Print/Type) THOMAS CHAMPAGNE			ulion No wAggat)	34	178 Telephone 828.2	53.8400		
Signature Date 08/05/2.00+								
	-	-		O 114	eard information should not			

WARNING: Information on this form may become public. Credit be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SP/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no paragins are required to respond to a collection of information unless it displays a valid OMB control number.								
			Complete M Manua					
FEE TRANSMITTAL for FY 2004		Application Number			10/0	10/053,344		
		Filing Date			01/17/2002			
		First Named Inventor			RAIENDRA K. SHENDY		77	
Effective 10/01/2003. Petent fees are subject to ennual revision.		Examiner Name			SHRIVASTAV, BRIJ B.			
Applicant claims small entity status. See 37 CFR 1.27				7.3	2854			
TOTAL AMOUNT OF PAYMENT (\$) 702	Art Unit 2859 Attorney Docket No. FONPTOSCIP		P					
TOTAL AMOUNT OF PATINERS 100								
METHOD OF PAYMENT (check all that apply)					ALGULAI	ION (contin	nued)	
Check Credit card Money Other None			ONAL F					
Deposit Account:	Large Fee	Fee	Small El		E			
Deposit FOLGO	Cod		Code (\$		ree u	escription		Fee Paid
Account Number 501998	1051		2051		_	filing fee or oa		
Deposit Account IP STRATEGIES	1052	: 50	2052		ircharýs - lete ver sheat	provisional filin	ið icc ot,	
Name The Director is authorized to: (check ell inst apply)	1053				on-English spe			
Charge fee(s) indicated below Credit any overpayments		2,520	1812 2,5			st for ex pane ication of SIR p	reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		aminer action	Catton or any h	nor to	
Charge loe(s) indicated below, except for the filling fee	1805	1,840	1805 1,6	840° R	equesting publication	ication of SIR	after	
to the above-identified deposit account.	1251	110	2251			ply within first :	nonth	55
FEE CALCULATION	1252		2252			ply willhin seco		
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475 E	ndension for re	ply within third	month	
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740 E	xtension for re	ply within fourt	h month	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255 1	,005 E	xtension fo <i>t</i> re	ply within fifth i	month	
1002 340 2002 170 Design filing fee	1401	330	2401	165 N	otice of Appea	d		
1003 530 2003 265 Plant filing fee	1402	330	2402	165 M	iling a brief in s	support of an a	ppesi	
1004 770 2004 385 Relasue filing fee	1403		2403		equest for oral	_		
1005 150 2005 80 Provisional filing fee	1451					ite a public usc - unavoidable		
SUBTOTAL (1) (\$)	1452		2452					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2453 2501		elillon to revivi Itility issue fee	e - unintention: (or relasus)	31	
Extra Claims below Fee Paid	1502	-	2502		esign issue fe			
Total Claims 96 .20** = 48 x 9 = 432	1503	640	2503	320 P	lant issue fee			
Independent 8 -3" = 5 × 43 = 215	1480	130	1460	130 P	etitions to the	Cammissioner	•	
Multiple Dependent =	1807	7 60	1807	50 P	rocussing lee	under 37 CFR	1,17(q)	
Large Entity   Smell Entity Fee Fee Fee Description	1806	180	1606			nformation Disc		<del>  </del>
Code (\$)   Code (\$)	8021	40	8021	40 R	ecording each roperty (times	patent assigns	ment por perlies)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385 F	iling a submiss	ion after final		
1201 86 2201 43 Independent claims in excess of 3	,,,,	770	2040	•	37 ČFR 1.129( or each addille	a)) maj invention t	n he	<del></del>
1203 290 2203 145 Multiple dependent claim. If not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	8:	xamined (37 C	FR 1.129(b))		
1204 86 2204 43 ** Reissue Independent claims over original patent	180		2801			onlinued Exam		$\square$
1205 18 2205 9 "Reissue claims in excess of 20 and over original patent	180	2 900	1802		Request for ex of a dosign app	pedited exami	nation	
(a) 2 = 1 = 1	Othe	ır luu (sı	eçify)					
SUBTOTAL (2) (\$) U17 "or number previously peld, if greater, For Reissues, see above			Basic Fil	ling Fee	Paid 8	LATOTAL (	3) (\$)	55
(Complete & applicable)								
Namo (Frantispe)  THOMAS CHAMPAGNE Registration No. 34, 478 Telephane 828.2.53 Recommendation No. 34, 478					BLCD			
Namo (Prestrype) THOMBS CHAMPAGNE Signature		(Subme)	A COMMITTER OF THE PARTY OF THE	)				.004

WARNING: Information on this form may become public. Credit card information should not

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEARL TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	Filing Date	First Named Inventor	Atty. Docket No.	Confirmation No.
10/053,344	01/17/2002	Rajendra K. Shenoy	FONPT03CIP	9836

Invention Examiner Art Unit

Application Of Driven Equilibrium Fast Spin Echo Technique In Stand-Up MRI System

Shrivastav, Brij B.

OFFICIAL

MECEIVED CENTRAL FAX CENTER

AUG 0 5 2004

<u>AMENDMENT</u>

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The following is submitted in response to the Examiner's Action mailed April 8,

2004.